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Attorney's Docket No.: 17541-040001  
Client's Ref. No.: 04036

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Number of pages including this page 8

Applicant : Suzanne T. Ildstad  
Serial No. : 10/808,205  
Filed : March 24, 2004


Art Unit : Unknown  
Examiner : Unknown

Title : Method for Improving Bone Marrow Engraftment

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet are a Revocation and New Power of Attorney and Assignment document, faxed this 12<sup>th</sup> day of August, 2005, to the United States Patent and Trademark Office.

Respectfully submitted,

  
M. Angela Parsons, Ph.D.  
Reg. No. 44,282

Date: August 12, 2005

PTO Customer No.: 26191  
Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
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Fax: (612) 288-9696

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Attorney's Docket No.: 17541-040001

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Suzanne T. Ildstad                      Art Unit : Unknown  
Serial No. : 10/808,205                              Examiner : Unknown  
Filed : March 24, 2004  
Title : METHOD FOR IMPROVING BONE MARROW ENGRAFTMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) University of Louisville Research Foundation, Inc., a university, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

An Assignment from the inventor of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office at Reel 015546, Frame 0569 on July 2, 2004.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Mark S. Ellinger, Reg. No. 34,812  
J. Patrick Finn III, Reg. No. 44,109  
Elizabeth N. Kaytor, Reg. No. 53,103  
Teresa A. Lavoie, Reg. No. 42,782  
Janis Fraser, Reg. No. 34,819

M. Angela Parsons, Reg. No. 44,282  
Gary L. Quick, Reg. No. 55,553  
Ronald C. Lundquist, Reg. No. 37,875  
Mary Ann Dillahunty, Reg. No. 34,576  
W. Karl Renner, Reg. No. 41,265

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

August 12, 2005  
Date of Transmission

[Signature]  
Signature

Jill Huso  
Typed or Printed Name of Person Signing Certificate

Applicant : Suzanne T. Ildstad  
Serial No. : 10/808,205  
Filed : March 24, 2004  
Page : 2 of 2

Attorney's Docket No.: 17541-040001

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

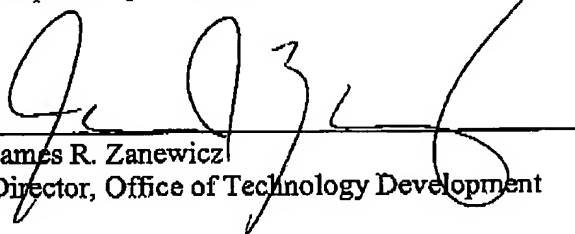
**PTO Customer Number: 26191**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: \_\_\_\_\_

8/11/05

Respectfully submitted,

  
\_\_\_\_\_  
James R. Zanewicz  
Director, Office of Technology Development

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 11, 2005

HOGAN & HARTSON LLP  
STEVEN C. PETERSON  
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DENVER, CO 80202

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JAN 24 2005

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/02/2004

REEL/FRAME: 015546/0569  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 81065.0010.001

ASSIGNOR:  
ILDSTAD, SUZANNE T.

DOC DATE: 06/29/2004

ASSIGNEE:  
LOUISVILLE RESEARCH FOUNDATION,  
INC., UNIVERSITY OF  
OFFICE OF TECHNOLOGY DEVELOPMENT  
JOUETT HALL, LL02  
LOUISVILLE, KENTUCKY 40292

SERIAL NUMBER: 10808205

PATENT NUMBER:

TITLE: METHOD FOR IMPROVING BONE MARROW ENGRAFTMENT

FILING DATE: 03/24/2004  
ISSUE DATE:

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015546/0569 PAGE 2

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
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7-2-04

FORM PTO-1595

(Rev. 3-01)

OMB No. 0631-0027 (exp. 5/31/2002)

07-13-2004



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SHEET

U.S. Department of  
Commerce  
Patent and Trademark Office

To the Honorable Commission...

If you are filing the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Suzanne T. Ildstad

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## Name and address of receiving party(ies)

University of Louisville Research Foundation, Inc.  
Office of Technology Development  
Jouett Hall, LL02  
Louisville, KY 40292Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: June 29, 2004

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/808,205

B. Patent No.(s)

Attorney Docket No.: 81065.0010.001

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Steven C. Petersen  
 Internal Address: Hogan & Hartson LLP  
 One Tabor Center  
 1200 17th Street, Suite 1500  
 Street Address: same as above  
 City: Denver State: CO Zip: 80202

07/08/2004 HLE333 00000006 10808205

05 FC:8021

40.00 OP

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sarah Smith

Name of Person signing

Signature

Date

July 2, 2004

Total number of pages including cover sheet, attachments and document: 3

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Attorney Docket No. 81065.0010.001  
Client/Matter No. ULRFO4036

### ASSIGNMENT

WHEREAS, I, Suzanne T. Ildstad, having a residence address of 13906 Riverglenn Lane, Prospect, Kentucky 40059, have made a certain new and useful invention relating to METHOD FOR IMPROVING BONE MARROW ENGRAFTMENT, for which I am making or have made application for Letters Patent of the United States, said application being identified by Serial No. 10/808,205, and

WHEREAS, I now own the entire right, title and interest therein; and

WHEREAS, the University of Louisville Research Foundation, Inc. hereinafter ASSIGNEE, whose mailing address is Office of Technology Development, Jouett Hall, LL02, Louisville, KY 40292, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of my employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, I do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with ASSIGNEE that I will not execute any writing or do any act whatsoever conflicting with this assignment, and that I will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such

additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on the date hereinafter set forth.

Date:

06/29/04  
Suzanne T. Ildstad